

# Amateur TRW Club WB6WPO

# cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association



February 1973  
Vol. VII, No. 2  
TRW/ARC Net Saturdays  
7.280 MHz, 1000 PST

## CLUB MANAGEMENT AND STAFF

OFFICE	NAME	CALL	LOCATION	PHONE
PRESIDENT	PAUL WEISZ	K6YQ	R2 1150	62412
VICE-PRESIDENT	TED CARTER	WA6PAS	E1 4037	62006
SECRETARY	FRANK HALLIGAN	WB6GRC	E1 3005	61266
TREASURER	JERRY DEAN	WA6GVN	R3 1072	61612
ACTIVITY MANAGER	JACK CLARKE	WB6TCR	M5 1150	64208
TRUSTEE	CARL ROTHROCK	W6MYC	S 389	50345
CROSS-TALK EDITOR	ED THORNLEY	WA6JHD	R6 2188	51507
EMERGENCY COORDINATOR	DOUG FREEMAN	W6NHX	M4 2243	53126
FIELD DAY CHAIRMAN	DOUG HEYDON	WB6WDS	65 1346	52061
DEPUTY FD CHAIRMAN	BILL DEWS	K6AWO	M2 1141	64571
MEMBERSHIP CHAIRMAN	SUE KENNEDY	WN6TXV	R3 1028	51870
PUBLICITY CHAIRMAN	JOEL WINEMAN	WA6WRB	M4 2315	52275
QSL MANAGER	JACK KOHO	WN6OKM	S 1471	53285
RACES MANAGER	DOUG FREEMAN	W6NHX	M4 2243	53126
SEA COUNCIL REP				
TRAINING MANAGER	AL LEE	W6KQI	R5 1171	61673

### FEBRUARY MEETING

MEXICAN ANTENNA PARTY AT  
XE1GE

By "Spider" Lee,  
W6KQI

28 Feb 1973 1200 PST

R2-2055

DOOR PRIZES! DOOR PRIZES!

### THE PREZ SEZ

By Paul Weisz, K6YQ

Is the institution of amateur radio under attack in the United States, where it all started some 70 years ago? Are THEY out to get us? Will

our traditional privileges be gnawed away, little by little, by THEM? The ARRL thinks so, and can make a pretty good case for their argument, based on recent events. THEM is (THEY are?) the Federal Communications Commission, and the ARRL has asked for the club's support in bucking the current trend toward over-regulation of the Amateur Service. A copy of a recent resolution by the ARRL board of directors is reproduced in these pages for your consideration.

At the next general meeting on 28 February, I will propose a resolution supporting the ARRL position on this matter. I would also like to suggest that members of the club who are not also members of ARRL consider the following points:

1. In today's political environment, individual amateurs and amateur radio clubs have absolutely no hope of influencing government policy on amateur radio. We have neither political power, economic power nor strong emotional appeal for the general public.
2. A regulatory agency has a strong instinctive desire to regulate, and the traditionally law-abiding radio amateur is the natural target for FCC regulatory impulses. Our licenses are a privilege, not a right.
3. Do not underestimate the eventual impact of tightened rules. Once a process comes under regulation, constraints become tighter, never looser. As time goes by, every move you make will have to be considered beforehand against our increasingly complex framework of fine print rules. Example: Is it a violation of third party rules for you to let your XYL say "Merry Christmas" to a ZL on 20 meter SSB? You bet your sweet 4-element yagi it is, although it is OK for the ZL to do it in the opposite direction.
4. The ARRL certainly has its faults, but it is absolutely the only agency with any influence at all on FCC actions with respect to amateur radio. If you want to support efforts to preserve this unique hobby, the only way to do it is by joining the ARRL. No other course offers any hope at all of doing any good.
5. Membership cost ( \$ 7.50/year) is not great, in the context of today's prices, and the return on the investment (12 issues of QST plus other assorted benefits) is pretty good.

Please think about it. The hobby you save may be your own!

73, Paul

#### CONGRATULATIONS AND COMMENTS

By Al Lee, W6KQI

Congrats to Neal Hudson for obtaining his Novice call, WN6VC2. Neal is presently taking the General Class course and will be ready very soon for his General test.

Greg Loegering, WN6SMS passed his General, but is still waiting for his ticket to show up. It's been over a month already.

We were glad to hear Steve Shane, WA6NRQ check in on the Saturday morn TRW/ARC net.

The February check-in with TRW Cleveland resulted in only three of us

getting through due to contests and band conditions. Mas, W6CZL checked in from Downey and TRW/ARC member Ollie Saunders, W6OIC checked in from Berkeley using the University of California Club Station W6BB.

We had the pleasure of working Doug, W6NHX at Cape Kennedy, using the Space Center ARC Station WB4ICJ. Seems he blew his antenna tuner but repairs are in process.

My thanks to Dave Mills, W6FTQ for sitting in for me on a Tuesday night code class. The students really liked his sending.

Es Todo

#### FIELD DAY '73

By Bill Dews, K6AWQ

Holy cow, it's time to start Field Day planning in earnest already! We need early volunteers for the following critical jobs:

1. Station team captains: This requires individuals to take full responsibility for organizing, setting up, and tearing down one station set-up at Field Day. The more team captains we have, the higher our operating class.
2. Power Facilities: One individual to take full responsibility for getting generator(s) to site, providing power cords and lights and returning same to source after Field Day.
3. Chief cook and bottle washer: Opportunity to display procurement, culinary and dispensing skills.

If you qualify for any of the above spots, or wish to volunteer your services, call me at Ext 64571 or drop me a note at M2-1141.

73, Bill

#### SECRETARY'S REPORT

By Frank Halligan, WB6GBC

The regular monthly meeting of the TRW Systems Amateur Radio Club Executive Committee was called to order at 12:12 PM on Tuesday, February 13, 1973, by President, Paul Weisz. Other officers in attendance were the following: T. Carter, J. Clarke, J. Dean, W. Dews, F. Halligan, D. Hayden, S. Kennedy, A. Lee and E. Thornley. Also present was a visitor from Chili, Jim Jankelevich, CE3ANB.

#### OLD BUSINESS

1. Code Table Al Lee announced that the club has now obtained a code table (from LERC) to be used for the Club's code classes. Al plans some modifications to the hookups to allow the practice table to be more useful.
2. Club Station License The trustee has submitted to FCC application for modification of the club station license.
3. Life Membership Still outstanding is an action item (membership chairman?) to determine the feasibility of a "Life Member" status for the club.

4. SEA Representative Paul Weisz indicated there have been "No takes" so far to the positions advertized in last months Cross-talk.
5. Antenna Party announced by Paul Weisz for February 24th, to raise an antenna, etc.
6. Physical Inventory Dean and Halligan will immediately conduct an inventory of Club property for the annual report.
7. RACES' ID Pictures Al Lee will prepare a list of members that will need ID photos. Paul Weisz is to persue the matter with Security.

#### NEW BUSINESS

1. Club 5 Member Certificates F. Halligan will submit a letter to CQ and enclose a sample certificate as a news item for Certificate Hunters.
2. Certificate Information Labels A motion was made by Thornley and seconded by Carter to purchase 5,000 labels at \$25.00 which provide information on obtaining Club 5 Member Certificates. The labels are to be made available on request to Club members for attachment to outgoing QSL cards.
3. ARRL Affiliation Renewal Dean and Kennedy are to prepare the appropriate data for renewal of the Club's ARRL affiliation. Halligan to contact ARRL headquarters for list of available ARRL operating aids.
4. ARRL Resolution President Weisz indicated a desire for the club to join in a resolution an ARRL position with regard to FCC activities.
5. Cross-Talk Mailing Thornley requested (and received approval) to purchase a rubber stamp with the club's return address. Dean indicated that pre-printed mailing labels can now be produced for outside mailing.
6. Member Survey Clarke provided a detailed discussion on the results of his recent survey. The data will be published in the Cross-Talk and will be used to ascertain future club activities and station requirements.
7. Extra Class Operation of Club Station President Weisz indicated that in view of the October changes in FCC regulations, it will now be permissable to operate WB6WPO in the "Extra Bands" (provided that you hold the appropriate operator license) and that all station identification will be of the following format:  
"WB6WPO/ your call"
8. Door Prizes A motion was made and carried to allott \$ 20 in funds for door prizes for regular meetings.
9. Station Plan/'73 Goals President Weisz suggested that all members

in attendance submit suggestions for Station enhancement and future club activities.

The Meeting was adjourned at 1330 PST.

Respectfully Submitted  
Frank Halligan, WB6GBC  
Secretary, TRW/ARC

TREASURER'S REPORT

By Jerry Dean, WA6GVO

Balance on hand December 31, 1972..... \$ 362.71

Receipts

Dues (new)	18.00
Dues (renewals)	12.00
QSL Orders	46.50
Badge Orders	10.70
Novice Class	16.50
General "2" Class	26.00
Raffle Tickets	14.00

Total Receipts 143.70

Expenses

QSL Printing	39.10
Code Practice Table	20.00
Class Books	37.80

Total Expenses 96.90

Balance on hand 31, 1973..... \$ 409.51

POSITIVE FEEDBACK

By Jack Clarke, WB6TCR

I wish to thank those who took the time in filling out the questionnaire we ran in the last issue of Cross-Talk. Approximately 20 percent of the membership responded. I am told this is a significant return in comparison to some of our other inquiries, and should represent a fairly accurate gauge by which we can best respond.

The three primary concerns seemed to be:

1. Station equipment versus capability
2. Added interest in future contests
3. Addition of VHF-FM equipment

The first area, station equipment, is now under study. The questionnaire seemed to indicate that the HF station leaves a bit to be desired. Our treasurer just informed us that we are top heavy in the money department. Hmmm.....

A very strong interest was shown in contest activities. I am pleased to announce that Dave Mills, W6FTQ, an avid CW and DX follower has enthusiastically accepted his newfound appointment as "other than Field Day Contest Manager". Dave will keep us posted as to what contests are

rolling up, times, people needed, equipment, etc. TNX AGN Dave.....

VHF-FM seems to be here - and with the number of repeaters popping up over night and the tremendous activity, it looks like the La Fayette "Ancient Modulation" VHF Gear may be turned in for the more stringent demands of channeled FM communications. I will keep you posted as I receive more inputs.

73 Jack

TRW/ARC MEMBERS FLY TO XE1 LAND - AL LEE W6KQI

Four wonderful days were spent recently in Mexico by Herb Gleed, W6FQ, George Loegering (dad of WN6SMS), my XYL Jan, and this writer. The trip was made allegedly to erect a triband beam for our amigo Jeff, XE1GE, in Cuernavaca, 40 miles south of Mexico City.

Jeff and I met on the air in 1967 as I was making that wonderful trip on the Queen Mary. He and his brother-in-law, Phil, XE1GL, drove to Acapulco for an eye-ball QSO with me after the Queen Mary anchored in Acapulco Bay. It was on this occasion that Henry Low, K6GBI, was vacationing in Acapulco and he also met Jeff and Phil.

Herb, W6FQ, also knew Jeff and visited him during his mobiling excursion through Mexico and has held regular skeds on 15 meters for the past seven years.

Wouldn't you know, Jeff also knows Rocky, W6MYC, but that's not too unusual because hams all over this and other countries know Rocky.

George was our trusty pilot and the owner of the Beechcraft Bonanza we flew in. He's always looking for an excuse to fly, so when I asked if he would be interested in flying south, he had all the details figured out within an hour.

We departed Torrance Airport around 0530 and picked up a tail-wind that blew us to Hermosillo in record time. Hermosillo is a port-of-entry so we obtained our tourist cards, refueled, and off we flew to Guadalajara.

In Guadalajara, Herb knows many people, so a phone call was made and we were soon driven to our hotel by Jim Hawksworth. After dinner, Jim drove us to the beautiful penthouse apartment of Bob Yeager, XE1C, and later to the home of Jim Goodwine, XE1HHX. A very fine time was had by all during these visits.



Early the following morning we took off for Cuernavaca. You might have heard of the mountains in Mexico, but while flying at an indicated 9,700 feet, we dodged a few peaks and then descended to the valley floor to look for a landing strip. It was finally spotted, but we saw power lines near both ends of the runway, so it was up to George to decide which he could clear the easiest.

Jeff met us and off we drove toward Cuernavaca through some typical out-of-the-way villages. Wouldn't you know, we arrived at Jeffs at siesta time around 2:00 PM, which is the time for the big meal of the day.

After lunch, I wanted to get started, and after seeing the amount of work that was to be done to get the three element hy-gain jr. mounted on the tower, I figured we could do it before dark.

For some reason, I volunteered to climb the tower. Surprise! I left the climbing belt in the aircraft which was about 25 miles away, so up I went, using a power cord for a safety belt (which later broke). After reaching the top, I removed a protective cover from the thrust bearing and encountered a large brown spider. I damn near fell off! A request was made for a bug-bomb of some sort and soon I had one at the top of the tower. Then, the fun started. I again lifted the cover, but couldn't see the spider. He was hiding in the cover I was holding. A quick shot from the bomb sent him hiding again under the plate at the top of the tower and the battle was on. Finally, a well placed blast blew him off the tower and then the work could begin.

What amazed me was the lack of corrosion. It was hard to believe the antenna was two years old because it was still shiny. The plastic trap covers had split, so a little tape and a few spot ties fixed that.

The actual antenna installation was hampered by an already existing 6 meter beam mounted at the top of the mast. Think about it, how would you attach a full size yagi lower on the mast?

After the installation was completed, Herb ran SWR checks using his FB Bird thruline wattmeter and everything looked good but the bands were dead by then.

We had arranged for a sked with Henry for Sunday evening, but rather than spending another day in Cuernavaca, we decided to fly to Puerto Villarta and spend a day there. What a beautiful place that is. The town is typical old Mexico, but the hotels are modern and rather spectacular.

The flight to Hermosillo was smooth but interesting. We refueled, cleared immigrations, and on to Calexico, which is the U.S. port-of-entry. We were pleased to hear that the weather in L.A. was clear, so the final leg of the trip was straight in from Mount Palomar to Torrance. Touch-down at Torrance was soon after sunset which capped one of the most interesting weekends I can recall.

Subsequent skeds with Jeff justified the whole effort because of the solid signal now coming from Cuernavaca. Can anyone think of a better excuse or reason for travelling?

73 A1, W6KQI

ANNUAL REPORT TO SEA

By Frank Halligan, WB6GBC

It is a requirement of the Systems Employee's Association that each SEA-Sponsored Club submit an annual audit of its' books and property. This audit is conducted by an individual not associated with the club.

We wish to express our thanks to Dick Pattinson for his efforts in conducting the audit for 1972. A copy of his audit is included in this issue of Cross-Talk for your information.




AUDITOR'S REPORT

To The Club Members  
TRW Systems Group Amateur Radio Club

I have examined the balance sheet of TRW Systems Group Amateur Radio Club as of December 31, 1972, and the statement of sources and uses of funds for the year then ended. This examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as I considered necessary in the circumstances.

In my opinion, based upon my examination, the accompanying financial statements present fairly the financial position of the TRW Systems Amateur Radio Club as of December 31, 1972.

  
W. Richard Pattinson, B.S.  
Senior Analyst

Redondo Beach, California  
February 5, 1973

TRW SYSTEMS GROUP AMATEUR RADIO CLUB

Balance Sheet  
(For year ending December 31, 1972)

ASSETS

Current Assets

Cash	\$ 363.21	
Preprinted QSL Cards	260.00	
Miscellaneous Electronic Parts	<u>15.00</u>	
Total Current Assets		\$ 638.21

Fixed Assets

Station Equipment (Schedule A)	2137.00	
Small Tools	<u>15.00</u>	
Total Fixed Assets		<u>2152.00</u>
Total Assets		\$ 2790.21

Total Liabilities

\$ -0-

Total Club Member's Equity

\$ 2790.21

TRW SYSTEMS AMATEUR RADIO CLUB

Statement of Sources and Uses of Funds  
(for year ending December 31, 1972)

Beginning Cash Balance: \$ 134.21

SOURCES OF FUNDS

SEA Allotment	\$ 269.65
License Classes	221.00
Membership Dues	198.00
Sale of QSL Cards	122.45
Chances on Door Prizes	66.75
Badge Sales	5.25
TRW/ECU Dividend	4.43
Total Sources . . . . .	\$ 887.53

USES OF FUNDS

Station Equipment/Repair Parts	\$ 127.07
License Course Materials	150.44
Field Day Expenses	107.30
QSL Card Printing/Handling	91.30
Magazines/Publications	58.52
Door Prizes	56.01
Crosstalk/WB6WFO Postage	42.40
Awards Dinner (net)	14.70
Guest Lunches	8.00
Misc. Office Expense	1.63
Summer Picnic (net)	1.16
Total Uses . . . . .	\$ 658.53

ENDING CASH BALANCE . . . . . \$ 363.21

*F. X. Halligan*  
F. X. Halligan, WB6GBC  
Treasurer, TRW/ARC

TRW SYSTEMS GROUP AMATEUR RADIO CLUB  
Schedule B  
Notes to Financial Statements

Current Assets

The increase in current assets over the prior year is due to an enlarged membership. Also contributing to this increase is a donation of pre-printed QSL cards by the club's sponsor.

Fixed Assets

The decrease in fixed asset inventory is a result of the latest physical inventory of club property. Items previously in inventory, where determined to be non-club property, were so identified and removed from Schedule A. The change in book values for the assets on Schedule A reflect a re-evaluation based on current market value. Since these assets are not subject to depreciation procedures, their realizable value was determined at the time of physical inventory.

Resolution adopted by ARRL Board of Directors

(See Prez Sez this issue)

WHEREAS, the highly developed radio communications technology existing in the world today is the direct outgrowth of contributions made by radio amateur enthusiasts over a period of more than 70 years; and

WHEREAS, the government of the United States including various administrative agencies, has traditionally followed the policy of permitting and encouraging the development and growth of the amateur radio service by adoption of only minimal regulations and broad general policies; and

WHEREAS, under the policy of minimal regulation the amateur radio service has developed to an extremely high level of proficiency and service to the nation in times of disaster and national emergency as well as in normal periods; and

WHEREAS, the Federal Communications Commission in recent months has adopted a number of amendments to its regulations and issued a number of interpretations of these and other regulations which evidence an abandonment of the policy of minimal and self regulation followed so successfully over the years, and has other proposed restrictive amendments under consideration which, if adopted, will further increase the level of governmental regulations; and

WHEREAS, these developments and trends are a matter of the greatest concern to amateurs throughout the nation and to the American Radio Relay League, the only nationwide membership organization representing active amateur radio licensees of all ages and interests; and

WHEREAS, a great number of amateurs, individually as well as through their local clubs affiliated with the League, have expressed deep concern over the apparent trend toward progressively restrictive and unilaterally-imposed regulations governing the Amateur Radio Service, and the potential inhibiting effect of this upon the orderly development of the Service as a public resource, as well as in carrying out the charter in Section 97.1 of the rules.

Now, therefore, BE IT RESOLVED, that the President and the General Manager are directed to undertake a vigorous program to seek reasonable and technically viable philosophies of regulation and interpretation, conferring at all necessary levels with appropriate Government departments and officials, and recommending to the Board of Directors courses of action which may be required to assure the continued availability of traditional latitudes and freedoms, and the full public service capabilities essential to the growth, improvement and usefulness of the amateur radio service.

— Adopted unanimously January 18, 1973, by the Board of Directors of the American Radio Relay League.